

| Ref # | Hits | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|--|---|------------------|---------|------------------|
| S1    | 8    | ((("6272415") or ("6090008") or ("5638571") or ("5583766")).PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT             | OR               | OFF     | 2005/12/12 00:13 |
| S2    | 2    | ("5638271").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT             | OR               | OFF     | 2005/11/14 10:39 |
| S3    | 9    | ("4653351"   "4671139"   "5036729"   "5441464"   "5445576"   "5634867"   "5954776").PN. OR ("6090008").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | ON      | 2005/10/02 19:58 |
| S4    | 1202 | 701/51.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/02 19:59 |
| S5    | 328  | S4 and (downshift or (down adj1 shift) or down-shift)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/02 20:00 |
| S6    | 233  | S5 and (engine near (speed or RPM or velocity))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/02 20:00 |
| S7    | 50   | S6 and synchronous   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2005/10/02 20:01 |
| S8    | 7836 | (transmission near (auto or automatic)) and engine and gear and shift and ratio                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT             | OR               | ON      | 2005/11/09 09:45 |
| S9    | 4676 | S8 and (engine near (speed or velocity or rpm))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT             | OR               | ON      | 2005/11/09 09:45 |

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| S10 | 3099 | S9 and (gear adj ratio)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/09 09:46 |
| S11 | 990  | S10 and (synchron\$3 or<br>simultane\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/09 09:56 |
| S12 | 202  | S11 and (input adj (speed or<br>velocity))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/09 09:57 |
| S13 | 168  | S12 and (output adj (speed or<br>velocity))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/09 19:05 |
| S15 | 449  | S11 and downshift  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/09 10:21 |
| S16 | 29   | S15 and (coast\$3 adj downshift)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/09 10:21 |
| S17 | 4    | ("4473882"   "5651752"  <br>"5863275"   "6432025").PN. OR<br>("6740005").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/11/09 11:21 |
| S18 | 9    | ("5586029"   "5642283"  <br>"5809442"   "5835875"   "5954776"<br>  "6007445").PN. OR ("6254510").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/11/09 14:50 |
| S19 | 29   | ("4361060"   "4493228"  <br>"4595986"   "4765201"   "4792901"<br>  "4850236"   "5053959"  <br>"5053961"   "5053962"   "5089965"<br>  "5109729"   "5133227"  <br>"5136897"   "5323667").PN. OR<br>("5441464").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/11/09 15:41 |
| S20 | 21   | ("4226447"   "4355550"  <br>"4370903"   "4403527"   "4714144"<br>  "4766544"   "4817776"  <br>"5046009"   "5125292"   "5136897"<br>  "5272632"   "5323667"  <br>"5385515"   "5441464").PN. OR<br>("5583766").URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/11/09 18:26 |

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| S21 | 7836 | (transmission near (auto or automatic)) and engine and gear and shift and ratio | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/09 19:05 |
| S22 | 4676 | S21 and (engine near (speed or velocity or rpm))                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/09 19:05 |
| S23 | 3099 | S22 and (gear adj ratio)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/09 19:05 |
| S24 | 990  | S23 and (synchron\$3 or simultane\$3)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/09 19:05 |
| S25 | 202  | S24 and (input adj (speed or velocity))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/09 19:05 |
| S26 | 168  | S25 and (output adj (speed or velocity))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/09 19:05 |
| S27 | 4    | ("4473882"   "5651752"   "5863275"   "6432025").PN. OR ("6740005").URPN.        | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/11/09 19:05 |
| S28 | 168  | S26 not S27   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/09 19:06 |
| S29 | 449  | S24 and downshift   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/09 19:06 |
| S30 | 29   | S29 and (coast\$3 adj downshift)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/09 19:06 |

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| S31 | 163 | S26 not S30  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/09 19:06 |
| S32 | 87  | S31 and (air or airflow or (air-flow))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/09 19:07 |
| S33 | 68  | S31 and ignition   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/09 19:07 |
| S34 | 58  | S32 and S33  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/09 19:07 |
| S35 | 46  | ("4468987"   "4481844"  <br>"4834045"   "4854283"   "4879657"<br>  "4938102"   "4975845"  <br>"5002028"   "5003483"   "5019939"<br>  "5078109"   "5088043"  <br>"5096015"   "5113721"   "5113820"<br>  "5123389"   "5193657"  <br>"5233530"   "5241855"   "5351776"<br>  "5400865"   "5492094"  <br>"5520594"   "5562571"   "5625558"<br>  "5662085"   "5673668"  <br>"5692472"   "5733219"   "5799262"<br>  "5816979"   "5875759"  <br>"5902210"   "5934247"   "5957994"<br>  "5999875"   "6019699"  <br>"6039023"   "6078859"   "6102831"<br>  "6236929"   "6269293"  <br>"6304809"   "6338392"   "6376927"<br>  "6516778").PN. OR ("6945910").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2005/11/09 19:30 |
| S36 | 11  | ("5211080"   "5450828"  <br>"5468198"   "5596495").PN. OR<br>("6269293").URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2005/11/10 08:51 |
| S37 | 30  | ((("4747326") or ("5537894") or<br>("5651752") or ("5921883") or<br>("5921886") or ("6236929") or<br>("6497637") or ("4724723") or<br>("4790418") or ("4792902") or<br>("5609067") or ("5629593") or<br>("5967942") or ("6077191") or<br>("6278926")).PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/10 13:57 |

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| S38 | 1213 | 701/51.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/10 18:55 |
| S39 | 101  | S38 and synchronous  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/10 13:58 |
| S40 | 73   | S39 and (engine adj (speed or velocity or rpm))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/10 13:58 |
| S41 | 72   | S40 and gear   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/10 13:58 |
| S42 | 33   | S41 and ((current or first or present or instant) adj gear)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/10 17:01 |
| S43 | 27   | ("4101870"   "4161717"  <br>"4320381"   "4355296"   "4419654"<br>  "4555691"   "4622637"  <br>"4631515"   "4701852"   "4703304"<br>  "4723215"   "4752883"  <br>"4800360"   "4853673"   "5017916"<br>  "5020361"   "5021764"  <br>"5429559"   "5638271").PN. OR<br>("5941922").URPN.         | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/11/10 14:44 |
| S44 | 8    | ("4622637"   "5636120"  <br>"5809835"   "5916292"  <br>"5941922").PN. OR ("6108600").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2005/11/10 15:01 |
| S45 | 14   | (US-20040230360-\$ or<br>US-20050060077-\$ or<br>US-20030027685-\$).did. or<br>(US-6090008-\$ or US-6740005-\$ or<br>US-6432025-\$ or US-5809442-\$ or<br>US-6679806-\$ or US-6551213-\$ or<br>US-5583766-\$ or US-6269293-\$ or<br>US-6019699-\$ or US-4790418-\$ or<br>US-6108600-\$).did. | US-PGPUB;<br>USPAT                                    | OR | ON | 2005/11/10 17:01 |
| S46 | 9    | S45 and ((current\$2 or first or present\$2 or instant) near gear)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/10 17:01 |

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| S47 | 8    | S46 and ((next or second or follow\$3 or subsequent) near gear)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/10 17:03 |
| S48 | 18   | ((("5956999") or ("5957810") or ("5992255") or ("6676566") or ("6547695") or ("6024663") or ("5984834") or ("5887483") or ("6068575")).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/11/14 10:40 |
| S49 | 10   | ("4653351"   "4793216"   "4984483"   "5012699"   "5070747"   "5401219"   "5443427"   "5795265").PN. OR ("5984834").URPN.                   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2005/11/14 12:46 |
| S50 | 28   | ("4527678"   "4653351"   "4938102"   "4947329"   "4951200"   "5029494"   "5038636"   "5113343"   "5282401").PN. OR ("5443427").URPN.       | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2005/11/14 13:09 |
| S51 | 14   | ("4653351"   "4854195"   "5070747"   "5079970"   "5113343"   "5168777"   "5401219"   "5443427"   "5634869").PN. OR ("5913748").URPN.       | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2005/11/14 16:41 |
| S52 | 2344 | ((transmission or engine ) adj (speed or velocity or rpm)) and automatic and gear and (downshift or (down adj shift))                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/14 16:44 |
| S53 | 896  | S52 and synchron\$5  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/14 16:44 |
| S54 | 886  | S53 and transmission and engine  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/14 16:45 |
| S55 | 651  | S54 and (automatic near transmission)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/14 16:45 |
| S57 | 364  | S55 and (torque adj convert\$3)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/11/14 16:48 |

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| S58 | 86   | S57 and (turbine adj (speed or velocity or rpm))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/14 16:48 |
| S59 | 49   | S58 and (gear near (next or subsequent or second))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/14 16:49 |
| S60 | 49   | S59 and throttle  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/14 16:50 |
| S61 | 7258 | ((engine or motor) near (velocity or speed)) and transmission and (gear adj ratio) and torque | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/12/05 14:44 |
| S62 | 3319 | S61 and (gear near (change or shift or conversion or switch or movement))                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/12/05 14:46 |
| S63 | 3075 | S62 and vehicle   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/12/05 14:46 |
| S64 | 919  | S63 and turbine   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/12/05 14:46 |
| S65 | 404  | S64 and (transmission adj2 (speed or velocity))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/12/05 14:49 |
| S66 | 115  | S65 and synchron\$4   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/12/05 14:50 |
| S67 | 43   | S65 and (synchron\$4 adj (speed or velocity))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/12/05 14:54 |

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| S68 | 2   | ("6945910").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/12/05 14:54 |
| S69 | 9   | ("4742461"   "5072390"  <br>"5079972"   "5168449"   "5547437"<br>  "6080084"   "6095948"  <br>"6134496").PN. OR ("6699156").<br>URPN.                           | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2005/12/05 16:15 |
| S70 | 605 | vehicle and (automatic adj<br>transmission) and (turbine or<br>converter) and synchron\$3 and<br>((engine or motor) adj (speed or<br>velocity or rpm)) and gear | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/12/10 12:29 |
| S71 | 599 | S70 and control   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/12/10 12:29 |
| S72 | 143 | S71 and (input adj (speed or rpm or<br>velocity))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/12/10 12:29 |
| S73 | 116 | S72 and (output adj (speed or<br>velocity or rpm))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/12/10 12:29 |
| S74 | 110 | S73 and shift   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/12/10 12:30 |
| S76 | 87  | S74 and (gear adj ratio)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/12/10 12:31 |
| S77 | 47  | S76 and (synchron\$3 adj (rpm or<br>speed or velocity))   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/12/10 12:35 |
| S78 | 2   | ("6945910").PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/12/10 12:35 |



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| S79 | 46 | ("4468987"   "4481844"  <br>"4834045"   "4854283"   "4879657"<br>  "4938102"   "4975845"  <br>"5002028"   "5003483"   "5019939"<br>  "5078109"   "5088043"  <br>"5096015"   "5113721"   "5113820"<br>  "5123389"   "5193657"  <br>"5233530"   "5241855"   "5351776"<br>  "5400865"   "5492094"  <br>"5520594"   "5562571"   "5625558"<br>  "5662085"   "5673668"  <br>"5692472"   "5733219"   "5799262"<br>  "5816979"   "5875759"  <br>"5902210"   "5934247"   "5957994"<br>  "5999875"   "6019699"  <br>"6039023"   "6078859"   "6102831"<br>  "6236929"   "6269293"  <br>"6304809"   "6338392"   "6376927"<br>  "6516778").PN. OR ("6945910").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2005/12/10 12:57 |
| S80 | 4  | ((("5537894") or ("5651752"))).PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/12/10 15:58 |
| S81 | 39 | ("4834045"   "4854283"  <br>"4879657"   "4938102"   "4975845"<br>  "5002028"   "5003483"  <br>"5019939"   "5078109"   "5088043"<br>  "5096015"   "5113820"  <br>"5123389"   "5193657"   "5233530"<br>  "5241855"   "5351776"  <br>"5400865"   "5492094"   "5625558"<br>  "5662085"   "5673668"  <br>"5692472"   "5799262"   "5875759"<br>  "5902210"   "5934247"  <br>"5957994"   "5999875"   "6019699"<br>  "6039023"   "6078859"  <br>"6109236"   "6250282"  <br>"6263856").PN. OR ("6516778").<br>URPN.   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON  | 2005/12/11 13:11 |
| S82 | 2  | ("6434467").PN.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/12/12 00:13 |